

Convoluted
having a plate-like core of transparent material which is occupied on one side with microprisms formed by furrows, said microprisms having roots from which said microprisms taper,

Curved
said reflector being shaped and arranged with reference to said lamp that in substance no light beams are emitted directly from the lamp through the optical element but in substance only light beams reflected at said reflector can exit said emission opening through said optical element.

Aspirin
10. (twice amended) A luminaire comprising:

an elongated lamp;

an elongate reflector configured to surround said lamp, said reflector having an inner side the inner side facing towards the lamp and being formed to be reflecting, said reflector being formed with an emission opening for emission of light; and

an optical element arranged in or before said emission opening, for deflecting light beams which enter into and exit from said optical element at an exit angle which is smaller than

2 a predetermined exit angle;

said optical element having, on a light entry side thereof, a plate-like core of transparent material, and having a light exit side which is occupied with microprisms which are formed by furrows and which taper, starting from roots thereof,

said inner side of said reflector being formed to be mirror-reflecting, and being arranged with reference to said lamp that in substance no light beams are emitted directly from the lamp through the optical element but in substance only light beams reflected at said reflector can exit said emission opening through said optical element,

said microprisms having an elongate structure and extending transversely of said lamp.

12. (twice amended) A luminaire comprising:

an elongated lamp;

an elongate reflector configured to surround said lamp, said reflector having an inner side the inner side facing towards the lamp and being formed to be reflecting, said reflector being formed with an emission opening for emission of light

a first optical element arranged to deflect light beams which enter into and exit from said first optical element to exit from said first optical element at an exit angle which is smaller than a predetermined exit angle,

said first optical element having a plate-like core of transparent material which is occupied on a light exit side thereof with microprisms and furrows, said microprisms having roots from which said microprisms taper,

said microprisms of said first optical element having an elongate structure;

a second optical element arranged to deflect light beams which enter and exit from said second optical element to exit from said second optical element at an exit angle which is smaller than a predetermined limit exit angle;

said second optical element being of the same construction as said first optical element and being formed with microprisms;

the microprisms of said second optical element likewise having an elongate structure,

said second optical element being arranged parallel to said first optical elements,

said microprisms of said second optical element extending transversely to said microprisms of said first optical element, and